providing a user defined access control command attribute read list containing user identifications that are allowed to read a specified set of Lightweight Directory Access Protocol (LDAP) attributes;

providing a system administrator defined read access control command;

wherein said read access control command resides in a directory containing said LDAP attributes;

said read access control command listing LDAP user attributes that said administrator has selected for user defined read access; and

said read access control command referring to said user defined read list at runtime thereby allowing said read user identifications read access to said LDAP user attributes.

5.   A process for a simplified access control language that controls access to directory entries in a computer environment, comprising the steps of:

providing a system administrator defined read access control command that lists Lightweight Directory Access Protocol (LDAP) user attributes that said administrator has selected for user defined read access;

providing a system administrator defined write access control command that lists LDAP user attributes that said administrator has selected for user defined write access;

providing a plurality of user defined access control command attribute read lists containing user identifications that are allowed to read said LDAP user attributes that said administrator has selected for user defined read access; and

providing a plurality of user defined access control command attribute write lists containing user identifications that are allowed to write said LDAP user attributes that said administrator has selected for user defined write access;

wherein said read access control command and said write access control command reside in a directory containing said LDAP user attributes;

wherein when a client read access to one of the LDAP user attributes that said administrator has selected for user defined read access occurs, said read access control command and the read list of the owner of the attribute being accessed are used to determine if said client has permission to execute said read access; and

wherein when a client write access to one of the LDAP user attributes that said administrator has selected for user defined write access occurs, said write access control command and the write list of the owner of the attribute being accessed are used to determine if said client has permission to execute said write access.

6.   A process for a simplified access control language that controls access to directory entries in a computer environment, comprising the steps of:

providing a user defined access control command attribute write list containing user identifications that are allowed to write a specified set of Lightweight Directory Access Protocol (LDAP) attributes;

providing a system administrator defined write access control command;

wherein said write access control command resides in a directory containing said LDAP attributes;

said write access control command listing LDAP user attributes that said administrator has selected for user defined write access; and

said write access control command referring to said user defined write list at runtime thereby allowing said write user identifications write access to said LDAP user attributes.

10.   An apparatus for a simplified access control language that controls access to directory entries in a computer environment, comprising:

a user defined access control command attribute read list containing user identifications that are allowed to read a specified set of Lightweight Directory Access Protocol (LDAP) attributes; and

a system administrator defined read access control command;

wherein said read access control command resides in a directory containing said LDAP attributes;

wherein said read access control command lists LDAP user attributes that said administrator has selected for user defined read access; and

wherein said read access control command refers to said user defined read list at runtime thereby allowing said read user identifications read access to said LDAP user attributes.

14. An apparatus for a simplified access control language that controls access to directory entries in a computer environment, comprising:

a system administrator defined read access control command that lists [the] Lightweight Directory Access Protocol (LDAP) user attributes that said administrator has selected for user defined read access;

a system administrator defined write access control command that lists LDAP user attributes that said administrator has selected for user defined write access;

a plurality of user defined access control command attribute read lists containing user identifications that are allowed to read said LDAP user attributes that said administrator has selected for user defined read access; and

a plurality of user defined access control command attribute write lists containing user identifications that are allowed to write said LDAP user attributes that said administrator has selected for user defined write access;

wherein said read access control command and said write access control command reside in a directory containing said LDAP attributes;

wherein when a client read access to one of the LDAP user attributes that said administrator has selected for user defined read access occurs, said read access control command and the read list of the owner of the attribute being accessed are used to determine if said client has permission to execute said read access; and

wherein when a client write access to one of the LDAP user attributes that said administrator has selected for user defined write access occurs, said write access control command and the write list of the owner of the attribute being accessed are used to determine if said client has permission to execute said write access.

15. An apparatus for a simplified access control language that controls access to directory entries in a computer environment, comprising:

a user defined access control command attribute write list containing user identifications that are allowed to write a specified set of Lightweight Directory Access Protocol (LDAP) attributes; and

a system administrator defined write access control command;

wherein said write access control command resides in a directory containing said LDAP attributes;

wherein said write access control command lists LDAP user attributes that said administrator has selected for user defined write access; and

wherein said write access control command refers to said user defined write list at runtime thereby allowing said write user identifications write access to said LDAP user attributes.

19. A program storage medium readable by a computer, tangibly embodying a program of instructions executable by the computer to perform method steps for a simplified access control language that controls access to directory entries in a computer environment, comprising the steps of:

providing a user defined access control command attribute read list containing user identifications that are allowed to read a specified set of Lightweight Directory Access Protocol (LDAP) attributes;

providing a system administrator defined read access control command;

wherein said read access control command resides in a directory containing said LDAP attributes;

said read access control command listing LDAP user attributes that said administrator has selected for user defined read access; and

said read access control command referring to said user defined read list at runtime thereby allowing said read user identifications read access to said LDAP user attributes.

23. A program storage medium readable by a computer, tangibly embodying a program of instructions executable by the computer to perform method steps for a simplified access control language that controls access to directory entries in a computer environment, comprising the steps of:

providing a system administrator defined read access control command that lists Lightweight Directory Access Protocol (LDAP) user attributes that said administrator has selected for user defined read access;

providing a system administrator defined write access control command that lists LDAP user attributes that said administrator has selected for user defined write access;

providing a plurality of user defined access control command attribute read lists containing user identifications that are allowed to read said LDAP user attributes that said administrator has selected for user defined read access;

providing a plurality of user defined access control command attribute write lists containing user identifications that are allowed to write said LDAP user attributes that said administrator has selected for user defined write access;

wherein said read access control command and said write access control command reside in a directory containing said LDAP attributes;

wherein when a client read access to one of the LDAP user attributes that said administrator has selected for user defined read access occurs, said read access

control command and the read list of the owner of the attribute being accessed are used to determine if said client has permission to execute said read access; and

wherein when a client write access to one of the LDAP user attributes that said administrator has selected for user defined write access occurs, said write access control command and the write list of the owner of the attribute being accessed are used to determine if said client has permission to execute said write access.

24. A program storage medium readable by a computer, tangibly embodying a program of instructions executable by the computer to perform method steps for a simplified access control language that controls access to directory entries in a computer environment, comprising the steps of:

providing a user defined access control command attribute write list containing user identifications that are allowed to write a specified set of Lightweight Directory Access Protocol (LDAP) attributes;

providing a system administrator defined write access control command;

wherein said write access control command resides in a directory containing said LDAP attributes;

said write access control command listing LDAP user attributes that said administrator has selected for user defined write access; and

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said write access control command referring to said user defined write list at runtime thereby allowing said write user identifications write access to said LDAP user attributes.